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Modules completed

251

Active certifications

20

Exams passed

22

MCT status

Active

Training hours completed

170 hr 28 min

Active certifications

Certification title	Certification number	Earned on	Expires on
Microsoft Certified: Power Platform App Maker Associate	79F0F9-EU14B5	Apr 5, 2023	Apr 6, 2024
Microsoft Certified: Power Automate RPA Developer Associate	DE99E8-54F6BE	Jun 8, 2023	Jun 9, 2024
Microsoft Certified: Azure Data Engineer Associate	H14716-469B38	Mar 4, 2020	Jun 9, 2024
Microsoft Certified: Identity and Access Administrator Associate	9F3C60-F2400C	Jul 6, 2022	Jul 7, 2024
Microsoft Certified: Azure Virtual Desktop Specialty	6Y75FD-86300C	Jul 15, 2021	Jul 16, 2024

Certification title	Certification number	Earned on	Expires on
Trainer	711F47-08664M	Jul 18, 2017	Jul 19, 2024
Microsoft Certified: Azure Administrator Associate	241B56-FEAY77	Sep 18, 2022	Sep 19, 2024
Microsoft Certified: Azure Developer Associate	AC3A7B-DI62F3	Sep 20, 2022	Sep 21, 2024
Microsoft Certified: DevOps Engineer Expert	ZDB686-2FFE0A	Sep 24, 2022	Sep 25, 2024
Microsoft Certified: Azure AI Engineer Associate	1N35F1-8DC593	Dec 4, 2019	Dec 5, 2024
Microsoft Certified: Azure Data Scientist Associate	F945D5-Z68815	Dec 31, 2019	Jan 1, 2025
Microsoft Certified: Azure Solutions Architect Expert	59F599-4J6245	Jun 26, 2021	Jan 26, 2025
Microsoft Certified: Azure Network Engineer Associate	D04156-E8AF9D	Mar 16, 2023	Mar 17, 2025
Microsoft Certified: Power Platform Fundamentals	4443D1-B6I78B	May 16, 2023	N/A
Microsoft Certified: Security, Compliance, and Identity Fundamentals	382698-E4E401	Jul 8, 2022	N/A
Microsoft Certified: Azure Fundamentals	4C4852-583BB9	Dec 26, 2019	N/A
Microsoft® Certified Solutions Expert: Cloud Platform and Infrastructure	28FF3L-14232D	Aug 12, 2017	N/A
Microsoft® Certified Solutions Associate: Cloud Platform	EDFD85-476864	Jul 14, 2017	N/A

Certification title	Certification number	Earned on	Expires on
Microsoft Specialist: Implementing Microsoft Azure Infrastructure Solutions	F2EAI3-167899	Mar 12, 2017	N/A
Microsoft Certified Professional	82F36A-0F302D	Mar 12, 2017	N/A

Passed exams

Exam title	Exam number	Passed date
Microsoft Power Automate RPA Developer	PL-500	Jun 8, 2023
Microsoft Power Platform Fundamentals	PL-900	May 16, 2023
Microsoft Power Platform App Maker	PL-100	Apr 5, 2023
Designing and Implementing Microsoft Azure Networking Solutions	AZ-700	Mar 16, 2023
Designing and Implementing Microsoft DevOps Solutions	AZ-400	Sep 24, 2022
Developing Solutions for Microsoft Azure	AZ-204	Sep 20, 2022
Microsoft Azure Administrator	AZ-104	Sep 18, 2022
Microsoft Security, Compliance, and Identity Fundamentals	SC-900	Jul 8, 2022
Microsoft Identity and Access Administrator	SC-300	Jul 6, 2022
Designing Microsoft Azure Infrastructure Solutions	AZ-305	Mar 13, 2022

Exam title	Exam number	Passed date
Configuring and Operating Microsoft Azure Virtual Desktop	AZ-140	Jul 15, 2021
Microsoft Azure Architect Design	AZ-304	Jun 26, 2021
Data Engineering on Microsoft Azure	DP-203	Jun 8, 2021
Microsoft Azure Architect Technologies	AZ-303	Aug 13, 2020
Designing an Azure Data Solution	DP-201	Mar 4, 2020
Implementing an Azure Data Solution	DP-200	Jan 3, 2020
Designing and Implementing a Data Science Solution on Azure	DP-100	Dec 31, 2019
Microsoft Azure Fundamentals	AZ-900	Dec 26, 2019
Designing and Implementing an Azure AI Solution	AI-100	Dec 4, 2019
Architecting Microsoft Azure Solutions	534	Aug 12, 2017
Developing Microsoft Azure Solutions	532	Jul 14, 2017
Implementing Microsoft Azure Infrastructure Solutions	533	Mar 12, 2017

Microsoft Certified Trainer history

MCT title	Active from	To
MCT History	Jul 18, 2017	Jul 18, 2024

Modules completed

Module title	Description	Completed on	Duration
Use your own data with Azure OpenAI Service	Learn how to use your own data with the Azure OpenAI Service.	Dec 15, 2023	33 min
Generate images with Azure OpenAI Service	Use DALL-E in Azure OpenAI service to generate images	Dec 15, 2023	38 min
Generate code with Azure OpenAI Service	Learn how to use the Azure OpenAI Service to generate and improve code.	Dec 15, 2023	50 min
Apply prompt engineering with Azure OpenAI Service	In this module, learn how prompt engineering can help to create and fine-tune prompts for natural language processing models. Prompt engineering involves designing and testing various prompts to optimize the performance of the model in generating accurate and relevant responses.	Dec 15, 2023	1 hr 3 min
Build natural language solutions with Azure OpenAI	Learn how to integrate language understanding and prompt completions from Azure OpenAI into your app.	Dec 15, 2023	57 min
Get started with Azure OpenAI Service	Azure OpenAI Service enables engineers to build enterprise-grade generative AI solutions.	Dec 15, 2023	43 min

Module title	Description	Completed on	Duration
Extract data from forms with Form Recognizer	Form Recognizer extracts data at scale to enable the submission of documents in real time, at scale, with accuracy. This module gives users the tools to use the Azure Form Recognizer vision API.	Dec 15, 2023	49 min
Use prebuilt Form Recognizer models	Learn what data you can analyze by choosing prebuilt Forms Analyzer models and how to deploy these models in a Form Analyzer solution.	Dec 15, 2023	21 min
Plan a Form Recognizer solution	Learn how to use Azure Forms Analyzer to build solutions that analyze forms and output data for storage or further processing.	Dec 15, 2023	35 min
Create a knowledge store with Azure Cognitive Search	Create a knowledge store with Azure Cognitive Search	Dec 15, 2023	46 min
Create a custom skill for Azure Cognitive Search	Create a custom skill for Azure Cognitive Search	Dec 15, 2023	46 min
Create an Azure Cognitive Search solution	Create an Azure Cognitive Search solution	Dec 15, 2023	1 hr 3 min
Translate speech with the speech service	Translate speech with the speech service	Dec 15, 2023	47 min
Create speech-enabled apps with Azure AI services	Create speech-enabled apps with Azure AI services.	Dec 15, 2023	53 min

Module title	Description	Completed on	Duration
Translate text with the Translator service	Translate text with the Translator service	Dec 15, 2023	48 min
Create a custom named entity extraction solution	Create a custom named entity extraction solution	Dec 15, 2023	58 min
Create custom text classification solutions	The Language service within Azure Cognitive Services enables processing of natural language to use in your own app. Learn how to build a custom text classification project.	Dec 15, 2023	58 min
Build a Language Understanding model	The Language Understanding service enables you to train a language model that apps can use to extract meaning from natural language.	Dec 15, 2023	1 hr 5 min
Build a question answering solution	Create question answering solutions with Azure AI Language	Dec 15, 2023	46 min
Analyze text with Azure AI Language	Analyze text with Azure AI Language	Dec 15, 2023	54 min
Analyze video	Analyze video	Dec 15, 2023	48 min
Read Text in Images and Documents with the Computer Vision Service	Azure's Computer Vision service uses advanced algorithms to process images and return information based on the visual features you're interested in. This module teaches you how to use the Azure Computer Vision's OCR API and Read API.	Dec 15, 2023	33 min
Detect, analyze, and recognize faces	Detect, analyze, and recognize faces	Dec 15, 2023	1 hr 8 min

Module title	Description	Completed on	Duration
Classify images	Classify images	Dec 15, 2023	48 min
Analyze images	Analyze images	Dec 15, 2023	48 min
Deploy Azure AI services in containers	Learn to deploy Azure AI services in containers	Dec 15, 2023	49 min
Monitor Azure AI services	Learn to monitor Azure AI services.	Dec 15, 2023	42 min
Secure Azure AI services	Learn to secure Azure AI services.	Dec 15, 2023	42 min
Create and consume Azure AI services	Learn to create and consume Azure AI services.	Dec 15, 2023	42 min
Prepare to develop AI solutions on Azure	Prepare to develop AI solutions on Azure	Dec 15, 2023	31 min
Responsible Generative AI	A practical approach to implementing generative AI responsibly.	Nov 3, 2023	50 min
Introduction to Azure OpenAI Service	With Azure OpenAI, you can build solutions against OpenAI artificial intelligence models within Azure.	Nov 3, 2023	1 hr 3 min
Fundamentals of generative AI	Learn what generative AI is, how large language models form the foundation of generative AI applications, and see examples of copilots and good prompts.	Nov 3, 2023	40 min
Introduction to Azure Cognitive Search	Explore Azure Cognitive Search to discover how to create an index, import data, and query the index for better search results.	Nov 3, 2023	1 hr 5 min

Module title	Description	Completed on	Duration
Analyze receipts with the Form Recognizer service	Analyze receipts with the Form Recognizer service	Nov 3, 2023	25 min
Recognize and synthesize speech	Recognize and synthesize speech	Nov 3, 2023	30 min
Create a language model with Conversational Language Understanding	Create a language model with Conversational Language Understanding	Nov 3, 2023	42 min
Build a bot with the Language Service and Azure Bot Service	Build a bot with the Language Service and Azure Bot Service	Nov 3, 2023	29 min
Analyze text with the Language service	Analyze text with the Language service	Nov 3, 2023	35 min
Read text with the Computer Vision service	Read text with the Computer Vision service	Nov 3, 2023	24 min
Detect and analyze faces with the Face service	Detect and analyze faces with the Face service	Nov 3, 2023	27 min
Analyze images with the Computer Vision service	Analyze images with the Computer Vision service	Nov 3, 2023	46 min
Fundamentals of Azure AI services	This module is an introduction to how Azure AI services can be used to build applications.	Nov 3, 2023	36 min

Module title	Description	Completed on	Duration
Fundamentals of machine learning	Machine learning is the basis for most modern artificial intelligence solutions. A familiarity with the core concepts on which machine learning is based is an important foundation for understanding AI.	Nov 3, 2023	1 hr 54 min
Get started with AI on Azure	Get started with AI on Azure	Nov 3, 2023	36 min
Manage alerts, blameless retrospectives and a just culture	Manage alerts, blameless retrospectives and a just culture	Aug 26, 2023	22 min
Design processes to automate application analytics	Design processes to automate application analytics	Aug 26, 2023	16 min
Share knowledge within teams	Share knowledge within teams	Aug 26, 2023	1 hr 1 min
Develop monitor and status dashboards	Develop monitor and status dashboards	Aug 26, 2023	12 min
Implement tools to track usage and flow	Implement tools to track usage and flow	Aug 26, 2023	2 hr 1 min
Introduction to GitHub Packages	Introduction to GitHub Packages	Aug 26, 2023	18 min
Implement a versioning strategy	Implement a versioning strategy	Aug 26, 2023	17 min
Migrate consolidating and secure artifacts	Migrate consolidating and secure artifacts	Aug 26, 2023	13 min

Module title	Description	Completed on	Duration
Understand package management	Understand package management	Aug 26, 2023	1 hr 14 min
Explore package dependencies	Explore package dependencies	Aug 26, 2023	13 min
Security Monitoring and Governance	Security Monitoring and Governance	Aug 26, 2023	21 min
OWASP and Dynamic Analyzers	OWASP and Dynamic Analyzers	Aug 26, 2023	11 min
Static analyzers	Static analyzers	Aug 26, 2023	1 hr 11 min
Software Composition Analysis	Software Composition Analysis	Aug 26, 2023	1 hr 13 min
Implement open-source software	Implement open-source software	Aug 26, 2023	13 min
Introduction to Secure DevOps	Introduction to Secure DevOps	Aug 26, 2023	10 min
Implement Bicep	Implement Bicep	Aug 26, 2023	24 min
Implement Desired State Configuration (DSC)	Implement Desired State Configuration (DSC)	Aug 26, 2023	23 min
Explore Azure Automation with DevOps	Explore Azure Automation with DevOps	Aug 26, 2023	30 min

Module title	Description	Completed on	Duration
Create Azure resources by using Azure CLI	Create Azure resources by using Azure CLI	Aug 26, 2023	14 min
Create Azure resources using Azure Resource Manager templates	Create Azure resources using Azure Resource Manager templates	Aug 26, 2023	1 hr 29 min
Explore infrastructure as code and configuration management	Explore infrastructure as code and configuration management	Aug 26, 2023	20 min
Manage application configuration data	Manage application configuration data	Aug 26, 2023	2 hr 14 min
Integrate with identity management systems	Integrate with identity management systems	Aug 26, 2023	12 min
Implement A/B testing and progressive exposure deployment	Implement A/B testing and progressive exposure deployment	Aug 26, 2023	14 min
Implement canary releases and dark launching	Implement canary releases and dark launching	Aug 26, 2023	11 min
Implement blue-green deployment and feature toggles	Implement blue-green deployment and feature toggles	Aug 26, 2023	22 min
Introduction to deployment patterns	Introduction to deployment patterns	Aug 26, 2023	12 min

Module title	Description	Completed on	Duration
Automate inspection of health	Automate inspection of health	Aug 26, 2023	32 min
Manage and modularize tasks and templates	Manage and modularize tasks and templates	Aug 26, 2023	17 min
Configure and provision environments	Configure and provision environments	Aug 26, 2023	2 hr 56 min
Explore release strategy recommendations	Explore release strategy recommendations	Aug 26, 2023	2 hr 34 min
Create a release pipeline	Create a release pipeline	Aug 26, 2023	2 hr 34 min
Introduction to continuous delivery	Introduction to continuous delivery	Aug 26, 2023	19 min
Design a container build strategy	Design a container build strategy	Aug 26, 2023	1 hr 2 min
Learn continuous integration with GitHub Actions	Learn continuous integration with GitHub Actions	Aug 26, 2023	1 hr 10 min
Introduction to GitHub Actions	Introduction to GitHub Actions	Aug 26, 2023	21 min
Integrate with Azure Pipelines	Integrate with Azure Pipelines	Aug 26, 2023	24 min
Implement a pipeline strategy	Implement a pipeline strategy	Aug 26, 2023	12 min

Module title	Description	Completed on	Duration
Explore continuous integration	Explore continuous integration	Aug 26, 2023	1 hr 7 min
Describe pipelines and concurrency	Describe pipelines and concurrency	Aug 26, 2023	20 min
Manage Azure Pipeline agents and pools	Manage Azure Pipeline agents and pools	Aug 26, 2023	1 hr 10 min
Explore Azure Pipelines	Explore Azure Pipelines	Aug 26, 2023	17 min
Manage Git repositories	Manage Git repositories	Aug 26, 2023	16 min
Plan foster inner source	Plan foster inner source	Aug 26, 2023	17 min
Explore Git hooks	Explore Git hooks	Aug 26, 2023	15 min
Identify technical debt	Identify technical debt	Aug 26, 2023	17 min
Collaborate with pull requests in Azure Repos	Collaborate with pull requests in Azure Repos	Aug 26, 2023	16 min
Manage Git branches and workflows	Manage Git branches and workflows	Aug 26, 2023	1 hr 24 min
Structure your Git Repo	Structure your Git Repo	Aug 26, 2023	11 min
Work with Azure Repos and GitHub	Work with Azure Repos and GitHub	Aug 26, 2023	18 min

Module title	Description	Completed on	Duration
Describe types of source control systems	Describe types of source control systems	Aug 26, 2023	26 min
Introduction to source control	Introduction to source control	Aug 26, 2023	17 min
Plan Agile with GitHub Projects and Azure Boards	Plan Agile with GitHub Projects and Azure Boards	Aug 26, 2023	1 hr 25 min
Migrate to DevOps	Migrate to DevOps	Aug 26, 2023	16 min
Describe team structures	Describe team structures	Aug 26, 2023	22 min
Choose the right project	Choose the right project	Aug 26, 2023	20 min
Introduction to DevOps	Introduction to DevOps	Aug 26, 2023	21 min
Deploy a model to a batch endpoint	Deploy a model to a batch endpoint	Jul 14, 2023	1 hr 7 min
Deploy a model to a managed online endpoint	Deploy a model to a managed online endpoint	Jul 14, 2023	1 hr 14 min
Perform hyperparameter tuning with Azure Machine Learning	Perform hyperparameter tuning with Azure Machine Learning	Jul 14, 2023	1 hr 17 min
Run pipelines in Azure Machine Learning	Run pipelines in Azure Machine Learning	Jul 14, 2023	1 hr 5 min

Module title	Description	Completed on	Duration
Track model training with MLflow in jobs	Track model training with MLflow in jobs	Jul 14, 2023	54 min
Run a training script as a command job in Azure Machine Learning	Run a command job with the Azure Machine Learning Python SDK v2	Jul 14, 2023	54 min
Track model training in Jupyter notebooks with MLflow	Track model training in Jupyter notebooks with MLflow	Jul 14, 2023	33 min
Find the best classification model with Automated Machine Learning	Find the best classification model with Automated Machine Learning	Jul 14, 2023	1 hr 15 min
Work with environments in Azure Machine Learning	Azure Machine Learning environments Python SDK v2	Jul 14, 2023	42 min
Work with compute targets in Azure Machine Learning	Azure Machine Learning Python SDK v2	Jul 14, 2023	37 min
Make data available in Azure Machine Learning	Make data available in Azure Machine Learning	Jul 14, 2023	58 min
Explore developer tools for workspace interaction	Explore developer tools for workspace interaction	Jul 14, 2023	47 min
Explore Azure Machine Learning workspace resources and assets	Explore Azure Machine Learning workspace resources and assets	Jul 14, 2023	1 hr 7 min

Module title	Description	Completed on	Duration
Design a model deployment solution	Azure Machine Learning Python SDK v2	Jul 14, 2023	27 min
Design a machine learning model training solution	Design a machine learning model training solution	Jul 14, 2023	32 min
Design a data ingestion strategy for machine learning projects	Design a data ingestion strategy for machine learning projects	Jul 14, 2023	33 min
Implement Azure Container Apps	Run serverless containerized apps in Azure Container Apps service.	Jun 14, 2023	40 min
Describe resource governance capabilities in Azure	Describe resource governance capabilities in Azure	May 26, 2023	11 min
Describe the eDiscovery and audit capabilities of Microsoft 365	Describe the eDiscovery and audit capabilities of Microsoft 365	May 26, 2023	11 min
Describe insider risk capabilities in Microsoft 365	Describe insider risk capabilities in Microsoft 365	May 26, 2023	21 min
Describe information protection and governance capabilities of Microsoft 365	Describe information protection and governance capabilities of Microsoft 365	May 26, 2023	35 min
Describe the compliance management capabilities in Microsoft 365	Describe the compliance management capabilities in Microsoft 365	May 26, 2023	25 min

Module title	Description	Completed on	Duration
Describe the compliance management capabilities in Microsoft	Describe the compliance management capabilities in Microsoft	May 26, 2023	18 min
Describe threat protection with Microsoft 365 Defender	Describe threat protection with Microsoft 365 Defender	May 26, 2023	42 min
Describe security capabilities of Microsoft Sentinel	Describe security capabilities of Microsoft Sentinel	May 26, 2023	18 min
Describe security management capabilities of Azure	Describe security management capabilities of Azure	May 26, 2023	22 min
Describe basic security capabilities in Azure	Describe basic security capabilities in Azure	May 26, 2023	29 min
Describe the identity protection and governance capabilities of Azure AD	Describe the identity protection and governance capabilities of Azure AD	May 26, 2023	27 min
Describe the access management capabilities of Azure AD	Describe the access management capabilities of Azure AD	May 26, 2023	20 min
Describe the authentication capabilities of Azure AD	Describe the authentication capabilities of Azure AD	May 26, 2023	27 min

Module title	Description	Completed on	Duration
Describe the services and identity types of Azure AD	Describe the services and identity types of Azure AD	May 26, 2023	26 min
Describe identity concepts	Describe identity concepts	May 26, 2023	20 min
Describe security and compliance concepts and methodologies	Describe security and compliance concepts and methodologies	May 26, 2023	25 min
Monitor and maintain Azure Active Directory	Monitor and maintain Azure Active Directory	May 1, 2023	36 min
Plan and implement privileged access	Plan and implement privileged access	May 1, 2023	1 hr 2 min
Plan, implement, and manage access review	Plan, implement, and manage access review	May 1, 2023	45 min
Plan and implement entitlement management	Plan and implement entitlement management	May 1, 2023	55 min
Implement app registration	Implement app registration	May 1, 2023	57 min
Implement and monitor the integration of enterprise apps for SSO	Implement and monitor the integration of enterprise apps for SSO	May 1, 2023	41 min

Module title	Description	Completed on	Duration
Plan and design the integration of enterprise apps for SSO	Plan and design the integration of enterprise apps for SSO	May 1, 2023	41 min
Implement access management for Azure resources	Explore how to use built-in Azure roles, managed identities, and RBAC-policy to control access to Azure resources. Identity is the key to secure solutions.	May 1, 2023	33 min
Manage Azure AD Identity Protection	Manage Azure AD Identity Protection	May 1, 2023	51 min
Plan, implement, and administer Conditional Access	Plan, implement, and administer Conditional Access	May 1, 2023	58 min
Manage user authentication	Manage user authentication	May 1, 2023	53 min
Secure Azure Active Directory users with Multi-Factor Authentication	Learn how to use multi-factor authentication with Azure AD to harden your user accounts.	May 1, 2023	38 min
Implement and manage hybrid identity	Implement and manage hybrid identity	May 1, 2023	1 hr 10 min
Implement and manage external identities	Implement and manage external identities	May 1, 2023	1 hr 12 min
Create, configure, and manage identities	Create, configure, and manage identities	May 1, 2023	55 min

Module title	Description	Completed on	Duration
Implement initial configuration of Azure Active Directory	Implement initial configuration of Azure Active Directory	May 1, 2023	50 min
Explore identity and Azure AD	<p>This module will cover a wide view of the definition and available services for identity provided in the Microsoft Cloud from Azure AD to Microsoft 365. You start with the basics of authentication, authorization, and access tokens.</p> <p>This builds a firm foundation of what an identity is, why it is important. Then we move into governance and lifecycle management of your identities and identity solutions. The final topic opens up the term zero trust to see how it should be applied to your identity solutions.</p>	May 1, 2023	48 min
Describe monitoring tools in Azure	Describe monitoring tools in Azure	Mar 17, 2023	13 min
Describe features and tools for managing and deploying Azure resources	Describe features and tools for managing and deploying Azure resources	Mar 17, 2023	20 min
Describe features and tools in Azure for governance and compliance	Describe features and tools in Azure for governance and compliance	Mar 17, 2023	34 min
Describe cost management in Azure	Describe cost management in Azure	Mar 17, 2023	43 min

Module title	Description	Completed on	Duration
Describe Azure identity, access, and security	<module title>	Mar 17, 2023	43 min
Describe Azure storage services	Azure storage services, tiers, redundancy options, and migration options and tools.	Mar 17, 2023	44 min
Describe Azure compute and networking services	Introduction to Azure compute services (virtual machines, Azure Virtual Desktop, Azure Functions) and networking services (virtual networks, ExpressRoute, DNS, etc.).	Mar 17, 2023	1 hr 8 min
Describe the core architectural components of Azure	Concepts around physical and management architecture for Azure, including data centers and regions, management groups and subscriptions, etc.	Mar 17, 2023	48 min
Describe cloud service types	Introduction to cloud service types (Infrastructure, Platform, and Software as a Service models) and associated use cases for each.	Mar 17, 2023	12 min
Describe the benefits of using cloud services	Introduction to concepts surrounding cloud computing. Mostly platform agnostic, focused instead on general concepts.	Mar 17, 2023	17 min
Describe cloud computing	Introduction to concepts surrounding cloud computing. Mostly platform agnostic, focused instead on general concepts.	Mar 17, 2023	23 min
Enable reliable messaging for Big Data applications using Azure Event Hubs	Learn to use Azure Event Hubs to reliably process high-volume data streams to enable you to code applications to send and receive messages through the hub.	Dec 23, 2022	56 min

Module title	Description	Completed on	Duration
Implement compliance controls for sensitive data	Implement compliance controls for sensitive data	Dec 23, 2022	1 hr 14 min
Configure and manage secrets in Azure Key Vault	Configure and manage secrets in Azure Key Vault	Dec 23, 2022	29 min
Secure a data warehouse in Azure Synapse Analytics	Secure a data warehouse in Azure Synapse Analytics	Dec 23, 2022	55 min
Configure Azure Synapse Link with Azure Cosmos DB	Configure Azure Synapse Link with Azure Cosmos DB	Dec 23, 2022	1 hr 7 min
Design hybrid transactional and analytical processing using Azure Synapse Analytics	Design hybrid transactional and analytical processing using Azure Synapse Analytics	Dec 23, 2022	19 min
Orchestrate data movement and transformation in Azure Data Factory or Azure Synapse Pipeline	Orchestrate data movement and transformation in Azure Data Factory or Azure Synapse Pipeline	Dec 23, 2022	56 min
Perform code-free transformation at scale with Azure Data Factory or Azure Synapse Pipeline	Perform code-free transformation at scale with Azure Data Factory or Azure Synapse Pipeline	Dec 23, 2022	58 min

Module title	Description	Completed on	Duration
Petabyte-scale ingestion with Azure Data Factory or Azure Synapse Pipeline	Petabyte-scale ingestion with Azure Data Factory or Azure Synapse Pipeline	Dec 23, 2022	43 min
Use data loading best practices in Azure Synapse Analytics	Use data loading best practices in Azure Synapse Analytics	Dec 23, 2022	54 min
Integrate SQL and Apache Spark pools in Azure Synapse Analytics	Integrate SQL and Apache Spark pools in Azure Synapse Analytics	Dec 23, 2022	33 min
Understand big data engineering with Apache Spark in Azure Synapse Analytics	Understand big data engineering with Apache Spark in Azure Synapse Analytics	Dec 23, 2022	1 hr 6 min
Use Delta Lake in Azure Databricks	Use Delta Lake in Azure Databricks	Dec 23, 2022	1 hr 3 min
Use Apache Spark in Azure Databricks	Use Apache Spark in Azure Databricks	Dec 23, 2022	1 hr 14 min
Secure data and manage users in Azure Synapse serverless SQL pools	Secure data and manage users in Azure Synapse serverless SQL pools	Dec 23, 2022	18 min
Create metadata objects in Azure Synapse serverless SQL pools	Create metadata objects in Azure Synapse serverless SQL pools	Dec 23, 2022	1 hr 4 min

Module title	Description	Completed on	Duration
Use Azure Synapse serverless SQL pools for transforming the data in the lake	Use Azure Synapse serverless SQL pools for transforming the data in the lake	Dec 23, 2022	47 min
Query data in the lake using Azure Synapse serverless SQL pools	Query data in the lake using Azure Synapse serverless SQL pools	Dec 23, 2022	1 hr 8 min
Work with data streams by using Azure Stream Analytics	Explore how Azure Stream Analytics integrates with your applications or Internet of Things devices to gain insights with real-time streaming data.	Dec 23, 2022	40 min
Introduction to Azure Data Lake storage	Discover how Data Lake Storage provides a repository where you can upload and store unstructured data bringing new efficiencies to processing big data analytics.	Dec 23, 2022	30 min
Explore Azure Databricks	Explore Azure Databricks	Dec 23, 2022	44 min
Introduction to Azure Synapse Analytics	Introduction to Azure Synapse Analytics	Dec 23, 2022	1 hr 22 min
Explore fundamentals of data visualization	Learn the fundamental principles of analytical data modeling and data visualization, using Microsoft Power BI as a platform to explore these principles in action.	Dec 19, 2022	38 min
Explore fundamentals of stream processing	Learn about the basics of stream processing, and the services in Microsoft Azure that you can use to implement streaming data solutions.	Dec 19, 2022	1 hr 23 min

Module title	Description	Completed on	Duration
Examine components of a modern data warehouse	Examine components of a modern data warehouse	Dec 19, 2022	51 min
Manage non-relational data stores in Azure	Manage non-relational data stores in Azure	Dec 19, 2022	31 min
Explore provisioning and deploying non-relational data services in Azure	Explore provisioning and deploying non-relational data services in Azure	Dec 19, 2022	38 min
Explore provisioning and deploying relational database services in Azure	Explore provisioning and deploying relational database services in Azure	Dec 19, 2022	36 min
Explore relational data services in Azure	Explore relational data services in Azure	Dec 19, 2022	37 min
Explore roles and responsibilities in the world of data	Explore roles and responsibilities in the world of data	Dec 19, 2022	15 min
Explore core data concepts	Explore core data concepts	Dec 19, 2022	30 min
Deploy Azure Databricks models in Azure Machine Learning	Deploy Azure Databricks models in Azure Machine Learning	Nov 18, 2022	24 min
Track Azure Databricks experiments in Azure Machine Learning	Track Azure Databricks experiments in Azure Machine Learning	Nov 18, 2022	24 min

Module title	Description	Completed on	Duration
Manage machine learning models in Azure Databricks	Manage machine learning models in Azure Databricks	Nov 18, 2022	21 min
Use MLflow to track experiments in Azure Databricks	Use MLflow to track experiments in Azure Databricks	Nov 18, 2022	21 min
Train a machine learning model with Azure Databricks	Train a machine learning model with Azure Databricks	Nov 18, 2022	21 min
Prepare data for machine learning with Azure Databricks	Prepare data for machine learning with Azure Databricks	Nov 18, 2022	27 min
Work with data in Azure Databricks	Work with data in Azure Databricks	Nov 18, 2022	21 min
Get started with Azure Databricks	Get started with Azure Databricks	Nov 18, 2022	21 min
Monitor models with Azure Machine Learning	Monitor models with Azure Machine Learning	Nov 17, 2022	39 min
Monitor data drift with Azure Machine Learning	Monitor data drift with Azure Machine Learning	Nov 17, 2022	42 min
Detect and mitigate unfairness in models with Azure Machine Learning	Detect and mitigate unfairness in models with Azure Machine Learning	Nov 17, 2022	45 min

Module title	Description	Completed on	Duration
Explain machine learning models with Azure Machine Learning	Explain machine learning models with Azure Machine Learning	Nov 17, 2022	47 min
Explore differential privacy	Explore differential privacy	Nov 17, 2022	38 min
Automate machine learning model selection with Azure Machine Learning	Automate machine learning model selection with Azure Machine Learning	Nov 17, 2022	25 min
Tune hyperparameters with Azure Machine Learning	Tune hyperparameters with Azure Machine Learning	Nov 17, 2022	46 min
Deploy batch inference pipelines with Azure Machine Learning	Deploy batch inference pipelines with Azure Machine Learning	Nov 17, 2022	44 min
Deploy real-time machine learning services with Azure Machine Learning	Deploy real-time machine learning services with Azure Machine Learning	Nov 17, 2022	40 min
Orchestrate machine learning with pipelines	Orchestrate machine learning with pipelines	Nov 17, 2022	55 min
Work with Compute in Azure Machine Learning	Work with Compute in Azure Machine Learning	Nov 17, 2022	45 min
Work with Data in Azure Machine Learning	Work with Data in Azure Machine Learning	Nov 17, 2022	45 min

Module title	Description	Completed on	Duration
Train a machine learning model with Azure Machine Learning	Train a machine learning model with Azure Machine Learning	Nov 17, 2022	40 min
Create a classification model with Azure Machine Learning designer	Create a classification model with Azure Machine Learning designer	Nov 17, 2022	1 hr 27 min
Use Automated Machine Learning in Azure Machine Learning	Use Automated Machine Learning in Azure Machine Learning	Nov 17, 2022	1 hr 14 min
Introduction to the Azure Machine Learning SDK	Introduction to the Azure Machine Learning SDK	Nov 17, 2022	1 hr
Develop for storage on CDNs	Learn how the Azure Content Delivery Network (CDN) functions, how to control cache behavior, and how to perform actions by using .NET.	Oct 21, 2022	18 min
Develop for Azure Cache for Redis	Learn how to configure Azure Cache for Redis, interact with the cache, and connect an application to Azure Cache for Redis by using .NET.	Oct 21, 2022	21 min
Monitor app performance	Learn how to use the tools offered in Application Insights to enhance the performance and stability of your applications.	Oct 21, 2022	27 min

Module title	Description	Completed on	Duration
Discover Azure message queues	Learn how to integrate Azure Service Bus and Azure Queue storage in to your solution, and how to send and receive message by using .NET.	Oct 21, 2022	57 min
Explore Azure Event Hubs	Learn how Azure Event Hubs captures events and how to scale your processing application.	Oct 21, 2022	24 min
Explore Azure Event Grid	Learn how to integrate Azure Event Grid in to your solution, implement access control to events, and how to route custom events to web endpoint by using Azure CLI.	Oct 21, 2022	30 min
Explore API Management	Learn how the API Management service functions, how to transform and secure APIs, and how to create a backend API.	Oct 21, 2022	37 min
Implement Azure App Configuration	Implement Azure App Configuration	Oct 21, 2022	21 min
Implement managed identities	Implement managed identities	Oct 21, 2022	21 min
Implement Azure Key Vault	Implement Azure Key Vault	Oct 21, 2022	21 min
Explore Microsoft Graph	Learn how Microsoft Graph facilitates the access and flow of data and how to form queries through REST and code.	Oct 21, 2022	21 min
Implement shared access signatures	Learn how to use shared access signatures to authorize access to storage resources.	Oct 21, 2022	18 min

Module title	Description	Completed on	Duration
Implement authentication by using the Microsoft Authentication Library	Learn how to implement authentication by using the Microsoft Authentication Library.	Oct 21, 2022	25 min
Explore the Microsoft identity platform	Learn the core features and functionality of the Microsoft identity platform which includes authentication service, open-source libraries, and application management tools to enable and control access to resources.	Oct 21, 2022	21 min
Run container images in Azure Container Instances	Learn how Azure Container Instances can help you quickly deploy containers, how to set environment variables, and specify container restart policies.	Oct 21, 2022	31 min
Manage container images in Azure Container Registry	Learn how to use Azure Container Registry to store your container images, and automate builds and deployments.	Oct 21, 2022	31 min
Create and deploy Azure Resource Manager templates	Learn how Azure Resource Manager (ARM) can help streamline deployments, choose the correct deployment mode for your solution, and create and deploy an ARM template.	Oct 21, 2022	31 min
Provision virtual machines in Azure	Learn the availability and sizing options of Azure Virtual Machines, and how to create a virtual machine by using the Azure CLI.	Oct 21, 2022	28 min
Work with Azure Cosmos DB	Learn how to develop client and server-side programming solutions on Azure Cosmos DB.	Oct 21, 2022	35 min

Module title	Description	Completed on	Duration
Implement partitioning in Azure Cosmos DB	Learn how partitions are organized in Azure Cosmos DB and how to choose an appropriate partition key for your solution.	Oct 21, 2022	20 min
Explore Azure Cosmos DB	Learn the core features and functionality of Azure Cosmos DB.	Oct 21, 2022	39 min
Work with Azure Blob storage	Learn how to use the Azure Blob storage client library to create and update Blob storage resources.	Oct 21, 2022	33 min
Manage the Azure Blob storage lifecycle	Learn how to manage data availability throughout the Azure Blob storage lifecycle.	Oct 21, 2022	21 min
Explore Azure Blob storage	Learn the core features and functionality of Azure Blob storage.	Oct 21, 2022	31 min
Implement Durable Functions	Learn how Durable Functions can simplify complex, stateful coordination requirements in serverless applications.	Oct 21, 2022	32 min
Develop Azure Functions	Learn how to create and deploy Azure Functions.	Oct 21, 2022	33 min
Explore Azure Functions	Learn how Azure Functions can be a great solution for data processing, systems integration, and building simple APIs and microservices.	Oct 21, 2022	18 min
Explore Azure App Service deployment slots	Explore Azure App Service deployment slots	Oct 21, 2022	21 min
Scale apps in Azure App Service	Scale apps in Azure App Service	Oct 21, 2022	21 min

Module title	Description	Completed on	Duration
Configure web app settings	Learn how to create and manage application settings, install SSL/TLS certificates to secure web traffic, enable diagnostic logging, and create virtual app to directory mappings.	Oct 21, 2022	27 min
Explore Azure App Service	Learn about the key components of Azure App Service and how App Service can help you create, maintain, and deploy web apps more efficiently.	Oct 21, 2022	39 min
Integrate data with Azure Data Factory or Azure Synapse Pipeline	Integrate data with Azure Data Factory or Azure Synapse Pipeline	Apr 3, 2021	1 hr 2 min